



High School to College and Career Pathway: Post Secondary

Region:	Central Region	Area of Study: Skilled & Technical	
District:		Pathway: Machine Tool	
School:		College/Institution: Snow College	
Contact:	Darlene Wabel	Articulation Agreement ? Yes	
Phone:	435-893-2257	Date: August 11, 2008	
Email:	darlene.wabel@snow.edu		

Name of Degree or Certificate: AAS Machine Tool (63 Credits Required)

Legend (CTE Course Type)

I = Introductory Course: (preferred)

E = Elective Course

F = Foundation Course: (required)

A = Additional Articulated Course

HIGH SCHOOL

COLLEGE

		Core Code	High School Suggested Academic Courses	H S Credit	Concurrent College Credit	College Course #	College General Education Requirements	College Credit
							Computer Requirement (Choose One)	2
						CIS 1011	Computer Fundamentals (2)	
		32020013240	Computer Technology*	0.5	3	BT1010	Intro to Computer & Business Applications (3)	
							Communication Requirement: (Choose One)	3
						BT2200	Business Communication (3)	
		06010013115	Intro to Expository Writing CE*	0.5	3	ENGL1010	Expository Composition (3)	
						ENGL1410	English Mechanics (3)	
							Computation Requirement: (Choose Two)	6
						MTT1715	Applied Technical Math (3)	
						MTT2716	Machine Tool Mathematics/Measurement (3)	

CTE Pathway Course	CTE Course Type	CIP #	High School Suggested CTE Pathway Courses	H S Credit	Concurrent College Credit	College Course #	College Major Course Requirements	College Credit
			Foundation: 2 credits Required					
x	F	48.0503	Machine Tool (will include advanced)	2				
			Elective Course: 1 Credit Required					
x	E	48.0508	Welding	1				
x	E	48.0701	Woodworking	0.5				
x	E	32.0199	Student Internship (Critical Workplace Skills)	0.5				

Note: College credit can be earned in high school through concurrent enrollment. Other high school courses provide a knowledge base for college programs. This is a regional agreement; some of these classes may not be available i

	A	MTT1110	Machine Tool I	0.5	5	MTT1110	Machine Tool I	5
	A	MTT1125	Machine Tool Shop I	0.5	5	MTT1125	Machine Tool Shop I	5
	A	MTT1210	Machine Tool II	0.5	5	MTT1210	Machine Tool II	5
	A	MTT1225	Machine Tool Shop II	0.5	5	MTT1225	Machine Tool Shop II	5
						MTT2330	Introduction to CNC	8
						MTT2430	CNC Operations	8
40100013030		15.1301	Drafting Design Technology CE*	0.5	5	DRFT1010	Technical Drafting	5
40100013025		15.1302	CAD Drafting Technology CE*	0.5	4	DRFT2332	Mechanical CAD Drafting	4
						WELD2320	Metallurgy	4
							Human Relations Requirement:	2
		MTT1581	SkillsUSA - Level 1	0	1	MTT1581	SkillsUSA - Level 1 (1)	
		MTT1582	SkillsUSA - Level 2	0	1	MTT1582	SkillsUSA - Level 2 (1)	
						MTT1910	Professional Development -1 (0.50)	
						MTT1920	Professional Development -2 (0.50)	
						MTT2581	SkillsUSA - Level 3 (1)	
						MTT2582	SkillsUSA - Level 4 (1)	
						MTT2910	Professional Development -3 (0.50)	
						MTT2920	Professional Development -4 (0.50)	
							Elective Credits as Needed:	1-4
						MTT1000	Survey of Machine Tool Technology (2)	
						MTT1999	Cooperative Education (1-6)	
						MTT2800	Special Projects (1-2)	
						WELD1000	Welding Fundamentals (2)	
						WELD1030	Related Oxyacetylene and ARC Welding (3)	
						GNST1010	College Survival (1-2)	
						GNST1020	College Success Skills (3)	
Total potential credits earned in High School:					37	Total credits required for Degree/Certificate:		63

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